

Test Method D7038

L-33-1

Form 2

Last Reference Information & Operational Validity Summary

Lab: CC	Motoring Stand : CCCCC
Storage Box : CCCCC	Storage Box Run : CCCCC
Oil Code : CCC	

Last Reference Oil Calibrating Stand Information - Fill Out For Non-reference Oil Tests Only

Motoring Stand: CCCCC	Storage Box : CCCCC	Storage Box Run: CCCCC
Date Completed: YYYYMMDD	TMC Oil Code: CCCCC	
Gear Version: CCCCCC	Pinion Batch: CCCCC	Ring Batch: CCCCC

Operator's Initials: CCC

Turning Torques

Pinion, lbf-in.	Break: S1234	Turn: S1234
Full Assembly, lbf-in.	Break : S1234	Turn: S1234

Warm-Up

Time (h)	Start: HH:MM	Finish: HH:MM
Oil Temperature °F	Start : S12.1	Finish: S123.1

Motoring Phase

Time (h)	Start: HH:MM	Finish: HH:MM	
Pinion Speed, r/min	Average: S12345	Maximum: S12345	Minimum: S12345
Oil Temperature, °F	Average: S123.1	Maximum: S123.1	Minimum: S123.1

Storage Phase

Time (h)	Start : HH:MM	Finish: HH:MM	
Oil Temperature, °F	Average: S123.1	Maximum: S123.1	Minimum: S123.1

Percent Deviation

Controlled Parameter	Motoring Phase			Storage Phase		
	Allowable % Out	This Test % Out	Actual Time Out min:s	Allowable % Out	This Test % Out	Actual Time Out min:s
Oil Temperature	5	S123.1	CCCCC	4	S123.1	CCCCC

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Form 3
Pre Test Rating ^A

Lab: CC	Motoring Stand: CCCCC
Storage Box : CCCCC	Storage Box Run: CCCCC
Oil Code: CCC	

Match No.: CCCCC Date: YYYYMMDD Rated By: CCC

Differential Case

Area 1. At Pinion Contact: CC
CC

Area 2. At Differential Gear Contact: CC
CC
CC
CC

Area 3. Differential Gears (Side Gears): CC
CC

Area 4. Axle Housing Cover: CC
CC

Area 5. Drive Gears (Ring): CC
CC

Area 6. Drive Pinion: CCC
CCC

Area 7. Drive Pinion Rollers: CCC
CCC

Area 8. Drive Pinion Cups: CCC
CCC

Area 9. Differential Case Rollers: CCC
CCC

Area 10. Differential Case Cups: CCC
CCC

^A After Abrasive Blasting

